



Patent
Attorney Docket No. 027260-515

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Hirofumi TOTSUKA et al.

Group Art Unit: 2661

Application No.: 10/081,234

Examiner: Unassigned

Filing Date: February 25, 2002

Confirmation No.: 3853

Title: OPTICAL TRANSCEIVER, A MULTIPLEXING INTEGRATED CIRCUIT, A DEMULTIPLEXING INTEGRATED CIRCUIT, AN INTEGRAL MULTIPLEXING/DEMULTIPLEXING INTEGRATED CIRCUIT, AND METHOD FOR EVALUATING AND TESTING THE OPTICAL TRANSCEIVER

**SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a **SECOND** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,


BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By 

Ellen Marcie Emas
Registration No. 32,131

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Date: January 20, 2004

DOCKETED
filed 1-20-04 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Hirofumi TOTSUKA et al.

Application No.: 10/081,234

Filed: February 25, 2002

For: OPTICAL TRANSCEIVER, A
MULTIPLEXING INTEGRATED
CIRCUIT, A DEMULTIPLEXING
INTEGRATED CIRCUIT, AN
INTEGRAL MULTIPLEXING/
DEMULTIPLEXING INTEGRATED
CIRCUIT, AND METHOD FOR
EVALUATING AND TESTING THE
OPTICAL TRANSCEIVER



Group Art Unit: 2661

Examiner: Unassigned

Confirmation No.: 3853

SECOND
INFORMATION DISCLOSURE STATEMENT AND CERTIFICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: January 20, 2004

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information cited in an European Search Report dated November 28, 2003 to a corresponding European Patent Application No. 02004934.2 (copy enclosed) in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

U.S. Patent No. 4,926,425 to Hedtke et al, issued May 15, 1990
U.S. Patent No. 5,802,073 to Platt, issued September 1, 1998;
U.S. Patent No. 5,787,114 to Ramamurthy et al., issued July 28, 1998;
N. Mukherjee, et al., "Built-In Self-Test: A Complete Test Solution for Telecommunication Systems", IEEE Communications Magazine, Vol. 37, No. 6, June 1999, pages 72-78; and

M. Gagnon, et al., "Optical Communication Channel Test Using Bist Approaches", Proceedings of the International Test Conference, ITC 1997, IEEE, Vol. Conf. 28, November 1, 1997, pages 626-635.

DOCKETED
filed 1-20-04

(11/03)

I, the undersigned, hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

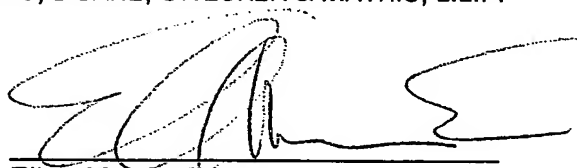
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date January 20, 2004

By:



Ellen Marcie Emas
Registration No. 32,131

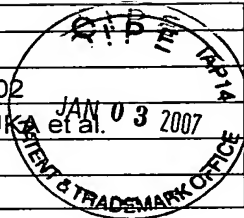
P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/081,234
Filing Date	February 25, 2002
First Named Inventor	Hirofumi TOTSUKA et al.
Examiner Name	Unassigned
Attorney Docket Number	027260-515



U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	4,926,425		Hedtke et al.	05-15-1990
	5,802,073		Platt	09-01-1998
	5,787,114		Ramamurthy et al.	07-28-1998

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	N. Mukherjee, et al., "Built-In Self-Test: A Complete Test Solution for Telecommunication Systems", IEEE Communications Magazine, Vol. 37, No. 6, June 1999, pages 72-78
	M. Gagnon, et al., "Optical Communication Channel Test Using Bist Approaches", Proceedings of the International Test Conference, ITC 1997, IEEE, Vol. Conf. 28, November 1, 1997, pages 626-635

VA 49529.1

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.